

Catalog Number: CM14124

产品信息

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CM14124

CAS号:
53760-19-3

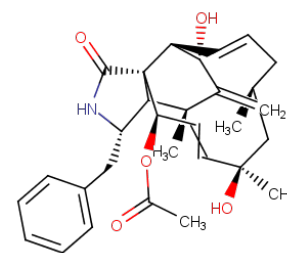
分子式:
C₃₀H₃₉NO₅

主要靶点:
MMP

主要通路:
蛋白酶体

分子量:
493.63

溶解度:
DMSO:50 mg/mL (101.29 mM)



体外活性

Cytochalasin H significantly inhibited angiogenesis in vitro and in vivo, and suppressed the hemoglobin content and HIF-1 α and VEGF protein expression in xenografted NSCLC tissues of nude mice. Meanwhile, Cytochalasin H inhibited the secretion of VEGF protein and the expression of HIF-1 α protein in A549 and H460 cells. Moreover, Cytochalasin H had a significant inhibitory effect on VEGF mRNA expression but had no effect on HIF-1 α mRNA expression, and Cytochalasin H inhibited HIF-1 α protein expression by promoting the degradation of HIF-1 α protein in A549 and H460 cells. Additionally, CyH dramatically inhibited AKT, P70S6K, and ERK1/2 activation in A549 and H460 cells.

描述

Cytochalasin H is a potent inhibitor of actin incorporation into filaments.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years